Revised Date: 11/09/2004 Application No. 10/726,487

Application No. 10/726,487 Filing Date: 12/04/2003

First Named Inventor: Ramgopal Vissa Confirmation No. 7523

Examiner: Fastovsky, Leonid M

Art Unit: 3742

Date Mailed by Examiner: 11/01/2004 Date Returned from Inventor: 11/09/2004

Claims:

Claims 1-2 (canceled)

3) (Currently Amended) An infrared heating apparatus technique for die heating

surface heating, the apparatus improvement consisting comprising of at least one

multi-axis flexible infrared module which can revolve on at least two cartesian

coordinate axes wherein and wherein each module contains two one or more

infrared heaters, wherein the major dimension of any heater defines a x-axis,

and.

each module is joined to at least one rotation joint swivel point such that a 360

degree rotation normal to a the bulb on an axis normal to the x-axis and a 180

degree rotation on along the bulb the x-axis are is allowed, and at least one

module is attached to at least two swivel points and where at least one swivel

point for a 360° rotation lies on a non-radiation side of the module.

4) (Currently Amended) The product apparatus of claim 3 with a flexible frame.

Claims 5-6 (canceled)

7) (Currently Amended) The products apparatus of claim 3 1, 2, 3, 4, 5 or 6 for

use as a die heater.

16

750 Redna Terrace, Cincinnati, Ohio 45215, USA TEL 513-772-0404 FAX 513-672-3333 EMAIL sales@mhi-inc.com WEB www.mhi-inc.com

Revised Date: 11/09/2004 Application No. 10/726,487

Filing Date: 12/04/2003 First Named Inventor: Ramgopal Vissa

Confirmation No. 7523 Examiner: Fastovsky, Leonid M

Art Unit: 3742

Date Mailed by Examiner: 11/01/2004
Date Returned from Inventor: 11/09/2004

8) (Currently Amended) The products apparatus of claim 3 1, 2, 3, 4, 5 or 6 for use as a paper dryer.

- 9) (New) The products apparatus of claim 3 1, 2, 3, 4, 5 or 6 for use as a paint remover.
- 10) (New) The products apparatus of claim 3 1, 2, 3, 4, 5 or 6 for use with a convective heating generator.
- 11) (New) The products apparatus of claim 3 1, 2, 3, 4, 5 or 6 for use with a convective ionized gas.